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REPORTS ON THE COLLECTIONS OBTAINED BY THE FIRST
JOHNSON-SMITHSONIAN DEEP-SEA EXPEDITION
TO THE PUERTO RICAN DEEP

A NEW CRAB OF THE GENUS CYCLODORIPPE

(WITH ONE PLATE)

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A NEW CRAB OF THE GENUS CYCLODORIPPE

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Two species of *Cyclodorippe* are known from American waters: *C. agassizii* and *C. antennaria*, both described briefly by A. Milne Edwards and later described in detail and figured by Milne Edwards and Bouvier. Of *C. agassizii*, these authors recognized one varietal specimen from off Havana; the first Johnson-Smithsonian Deep-Sea Expedition obtained three similar specimens in Puerto Rican waters. This additional material permits establishing that so-called variety as a distinct species, to which the name *bouvieri* is here given.

Family DORIPPIDAE Dana

Genus CYCLODORIPPE A. Milne Edwards

CYCLODORIPPE BOUVIERI, n. sp.

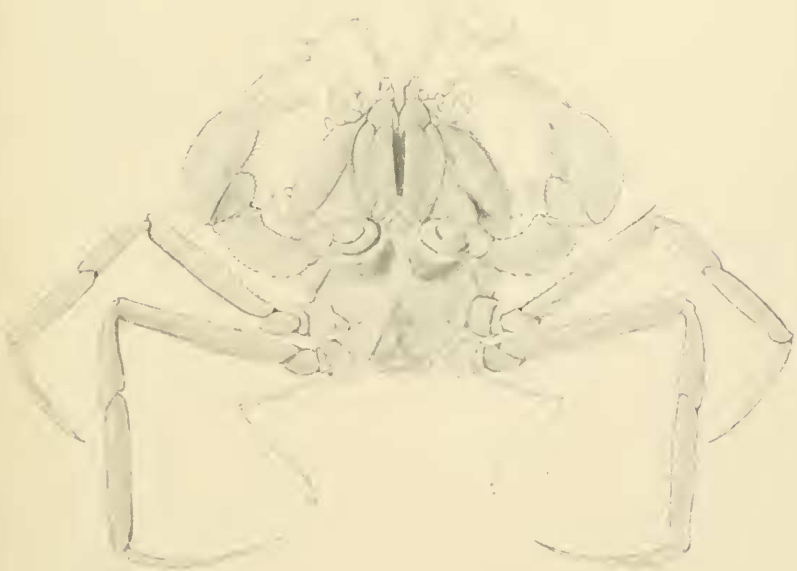
Cyclodorippe agassizii, A. Milne Edwards and Bouvier, Mem. Mus. Comp. Zool., vol. 27, p. 94 (part), 1902.

Description.—*Cyclodorippe bouvieri* differs from *C. agassizii* as follows: There is no spine on the protogastric regions; the median spines are tubular, not conical, and are higher than in *agassizii*; the granulation is coarser on carapace and cheliped; the margin of the rostrum is arcuate, not angled; orbit narrow in dorsal view, margin rounding, orbital spine smaller than in the allied form. Wrist with a prominent blunt outer tooth or spine near distal end and directed forward.

Type locality and distribution.—A male specimen from station 100, northeast of Puerto Rico, latitude $18^{\circ}40'15''$ N., longitude $64^{\circ}50'15''$ W., 150 fathoms, March 4, 1933, has been selected as the holotype (U.S.N.M. no. 67827). It has a carapace length of 5.2 mm and a width of 5.6 mm. An ovigerous female was also taken in the same haul. A second male specimen was taken at station 101, latitude $18^{\circ}45'40''$ N., longitude $64^{\circ}48'$ W., in 300 fathoms. The specimen that Milne Edwards and Bouvier thought represented but a variety of *C. agassizii* was dredged by the United States Coast Survey steamer *Blake* off Havana, Cuba (station 53) in 242 fathoms.



a



b

CYCLODORIPPE BOUVIERI, MALE HOLOTYPE
LENGTH OF CARAPACE 5.2 MM

a, dorsal view; *b*, ventral view.